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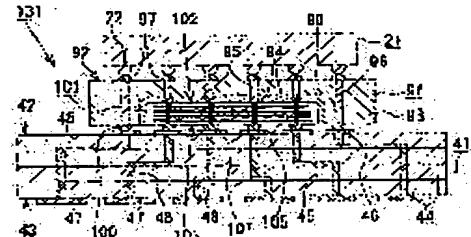
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(54) INTERMEDIATE SUBSTRATE, INTERMEDIATE SUBSTRATE WITH SEMICONDUCTOR ELEMENT, SUBSTRATE WITH INTERMEDIATE SUBSTRATE, AND STRUCTURE COMPOSED OF SEMICONDUCTOR ELEMENT, INTERMEDIATE SUBSTRATE, AND SUBSTRATE

(57)Abstract:

PROBLEM TO BE SOLVED: To provide an inexpensive structure that is excellent in noise removing ability, can be manufactured easily, and is composed of a semiconductor element, an intermediate substrate, and a substrate.

SOLUTION: This structure 131 is composed of the semiconductor element 21, intermediate substrate 91, and substrate 41. The semiconductor element 21 has surface connector terminals 22 and the substrate 41 has surface connector pads 46. In addition, the intermediate substrate 91 has an intermediate substrate main body 104, intermediate substrate main body-side conductor columns 95, and a capacitor 101. The intermediate substrate main body 104 has a first surface 92 on which the semiconductor element 21 is mounted, and a second surface 93 mounted on the surface of the substrate 41. The intermediate substrate main body-side conductor columns 95 are connected to the surface connector terminals 22. The capacitor 101 has a plurality of capacitor-side conductor columns which are connected to the intermediate substrate main body-side conductor columns 95 and surface connector pads 46 and disposed on the first surface 92 side or second surface 93 side of the intermediate substrate main body 104.



## LEGAL STATUS

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